

~~IN THE UNITED STATES PATENT AND TRADEMARK OFFICE~~

Applicant(s): Michael D. Camras; Michael R. Krames; Wayne L. Snyder; Frank M. Steranka; Robert C. Taber; John J. Uebbing; Douglas W. Pocius; Troy A. Trottier; Christopher H. Lowery; Gerd O. Mueller; Regina B. Mueller-Mach  
Assignee: Lumileds Lighting U.S. LLC  
Title: Light Emitting Diodes With Improved Light Extraction Efficiency  
Serial No.: 09/660,317 Filing Date: September 12, 2000  
Examiner: Stephen D. Meier Group Art Unit: 2822  
Docket No.: M-8633 US

San Jose, California  
July 22, 2003

Box RCE  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

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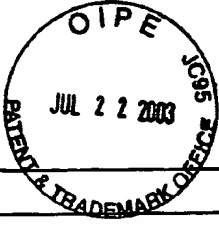
Respectfully submitted,

*R. Leiteman*

Rachel V. Leiteman  
Attorney for Applicants  
Reg. No. 46,868

Patent Law Group LLP  
2635 North First St.  
Suite 223  
San Jose, CA 95134  
(408) 382-0480  
FAX (408) 382-0481

U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Serial No.		
				M-8633 US		09/660,317		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)				
(Use several sheets if necessary)				Michael D. Camras; Michael R. Krames; Wayne L. Snyder; Frank M. Steranka; Robert C. Taber; John J. Uebbing; Douglas W. Pocius; Troy A. Trottier; Christopher H. Lowery; Gerd O. Mueller; Regina B. Mueller-Mach				
				Filing Date		Group		
				September 12, 2000		2822		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	Patent Abstracts of Japan, Publication No. 09-153645, date of publication: 10-06-1997, inventors: Asami Shinya, Koike Masayoshi, Akasaki Isamu and Amano Hiroshi, 15 pages.						
	AR							
	AS							
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

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				September 12, 2000		2822		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	6,483,196 B1	11/19/02	Wojnarowski et al.	257	778		
	AB	6,495,862 B1	12/17/02	Okazaki et al.	257	103		
	AC	6,091,020	7/18/00	Fairbanks et al.	136	259		
	AD	5,898,185	4/27/99	Bojarczuk, Jr. et al.	257	103		
	AE	5,917,201	6/29/99	Ming-Jiunn et al.	257	94		
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	Mary T. Strzelecki et al., "Low Temperature Bonding of Glasses and Glass Ceramics", 8 pages.						
	AR	Robert D. Simpson et al., "Hybrid Glass Structures For Telecommunication Applications", 8 pages.						
	AS	Joseph S. Hayden, "Passive and Active Characterization of Hybrid Glass Substrates for Telecommunication Applications, 8 pages.						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								